



Attorney Docket No. Q01-1074-US1  
Client/Matter No. 85474.0012

2651

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bruce Lairson et al.

Serial No. 09/829,403

Filed: April 9, 2001

For: TRANSVERSE BIASED SHIELDS FOR  
PERPENDICULAR RECORDING TO REDUCE  
STRAY FIELD SENSITIVITY

Group Art Unit: 2651

Examiner:

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

Assistant Commissioner for Patents  
Washington, D.C. 20231

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Technology Center 2600

Sir:

The undersigned hereby certifies that the following documents:

1. Power of Attorney by Assignee;
2. Return postcard; and
3. Certificate of Mailing By First Class Mail

relating to the above application, were deposited as "First Class Mail", with the United States Postal Service, addressed to The Assistant Commissioner for Patents, Washington, D.C., 20231, on 24 July 2001.

24 July 2001  
Date

24 July 2001  
Date

\_\_\_\_\_  
Mailer

William J. Kubida, Reg. No. 29,664  
HOGAN & HARTSON<sup>LLP</sup>  
One Tabor Center  
1200 17th Street, Suite 1500  
Denver, Colorado 80202  
(719) 448-5909 Tel  
(303) 899-7333 Fax



**POWER OF ATTORNEY BY  
ASSIGNEE**

Attorney Docket No.

**Q01-1074-US1**

First Named Inventor

**Bruce Lairson et al.**

**COMPLETE IF KNOWN**

Application Number

**09/829,403**

Filing Date

**April 9, 2001**

Group Art Unit

**2651**

Examiner Name

TO: Commissioner for Patents  
Washington, D.C. 20231

☐ Power of Attorney by Assignee Submitted with Initial Filing

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## POWER OF ATTORNEY BY ASSIGNEE

Under the provisions of 37 C.F.R. § 3.71, the undersigned assignee of record of the entire interest in the above-identified patent/patent application by virtue of an assignment recorded (check as applicable):

☒ Concurrently Herewith  
☐ Date Recorded \_\_\_\_\_  
☐ Reel \_\_\_\_\_ Frame \_\_\_\_\_

elects to conduct the prosecution of the application/maintenance of the patent to the exclusion of the inventor(s). The undersigned hereby declares that to the best of his knowledge, title is in the Assignee, and further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true. The assignee hereby revokes any previous powers of attorney and appoints the following to prosecute this application/maintain this patent and transact all business in the Patent and Trademark Office connected therewith:

Prosecuting Attorney List:	and registered attorneys at Customer Number:
David M. Sigmond, Reg. No. 34,013	 *25235*  25235

Please direct all communications relative to this application to the following addressee:

WILLIAM J. KUBIDA  
Hogan & Hartson LLP  
One Tabor Center  
1200 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202

**All telephone calls should be directed to William J. Kubida at 719-448-5909.**

ASSIGNEE:

Date: 6/11/01

MAXTOR CORPORATION

By: 

Name: Glenn H. Stevens

Title: General Counsel

Address: Maxtor Corporation

2452 Clover Basin Drive

Longmont, CO 80503



U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

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Document ID#

☐ Correction of PTO Error  
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☐ Corrective Document  
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Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

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(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1)	<b>Lairson, Bruce</b>	Execution Date Month Day Year
Name (line 2)	<input type="text"/>	<b>07/19/01</b>
Second Party		
Name (line 1)	<b>Nichols, Mark</b>	Execution Date Month Day Year
Name (line 2)	<input type="text"/>	<b>07/19/01</b>
Third Party		
Name (line 1)	<b>Nguy, Hai Chi</b>	Execution Date Month Day Year
Name (line 2)	<input type="text"/>	<b>07/13/01</b>
Fourth Party		
Name (line 1)	<b>Glassburn, Tim</b>	Execution Date Month Day Year
Name (line 2)	<input type="text"/>	<b>07/19/01</b>

Receiving Party

☐ Mark if additional names of receiving parties attached

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached.  
(Designation must be a separate document from Assignment)

Name (line 1) **Maxtor Corporation**

Name (line 2) **a Delaware corporation**

Address (line 1) **2190 Miller Drive**

Address (line 3) **Longmont** **Colorado/USA** **80501**  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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Technology Center 2600

## Correspondent Name and Address

Area Code and Telephone Number

(719) 448-5909

Name (line 1) William J. Kubida, Esq.

Address (line 1) Hogan &amp; Hartson LLP

Address (line 2) 1200 17<sup>th</sup> Street, Suite 1500

Address (line 3) Denver, CO 80202

Address (line 4)

## Pages

Enter the total number of pages of the attached conveyance document including any attachments

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9

## Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/829,403

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned

PCT

PCT

PCT

PCT

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PCT

## Number of Properties

Enter the total number of properties involved

#

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

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40.00

Method of payment:  
Deposit Account

Enclosed

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Deposit Account

☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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50-1123

Authorization to charge additional fees:

Yes

☒

No

☐

## Statement and Signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

William J. Kubida, 29,664

Name of Person Signing

Signature

Date

24 2001

## ASSIGNMENT

WHEREAS, we, Bruce Lairson, having a residence address of 882 Parma Way, Los Altos, CA, Mark Nichols, having a residence address of 3791 Versailles Ct., San Jose, CA, Hai Chi Nguy, having a residence address of 4025 Meridian Ave., Milpitas, CA, and Tim Glassburn, having a residence address of 469 Patricia Court, Milpitas, CA 95035, have invented a certain new and useful invention entitled TRANSVERSE BIASED SHIELDS FOR PERPENDICULAR RECORDING TO REDUCE STRAY FIELD SENSITIVITY, for which an application for Letters Patent of the United States has been filed, said application being identified as Attorney Docket No. Q01-1074-US1 and assigned serial no. 09/829,403, confirmation no. 8984 and filed on April 9, 2001;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, MAXTOR CORPORATION, a Delaware Corporation having a place of business at 2190 Miller Drive, Longmont, Colorado, 80501, its successors, legal representatives and assigns, the entire right, title and interest in the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues, Reexaminations and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than MAXTOR CORPORATION and we are under no obligation to make and shall not make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining, sustaining and enforcing of any and all such Letters Patent and patent rights and in confirming the assignee's exclusive ownership of the invention, without further consideration, but at the expense of said assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to MAXTOR CORPORATION, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 7/19/01

Bruce Lairson  
Bruce Lairson

STATE OF )  
COUNTY OF ) ss.  
)

Before me, a Notary Public in and for said County and State, personally appeared Bruce Lairson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date: 7/19/01

Mark Nichols  
Mark Nichols

STATE OF )  
COUNTY OF ) ss.  
)

Before me, a Notary Public in and for said County and State, personally appeared Mark Nichols, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date: 7/13/2001

Hai Chi Nguy  
Hai Chi Nguy

STATE OF )  
 ) ss.  
COUNTY OF )

Before me, a Notary Public in and for said County and State, personally appeared Hai Chi Nguy, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

Date: 7-19-2001

Tim Glassburn  
Tim Glassburn

STATE OF )  
 ) ss.  
COUNTY OF )

Before me, a Notary Public in and for said County and State, personally appeared Tim Glassburn, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he or she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

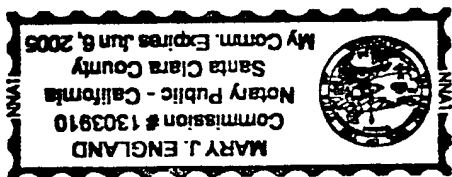
My Commission Expires: \_\_\_\_\_



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California  
 County of Santa Clara  
 On July 19, 2001 before me, Mary J. England  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
 personally appeared Bruce Michael Larson  
Name(s) of Signer(s)

☐ personally known to me – OR – ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s); or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]  
Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### Description of Attached Document

Title or Type of Document: Assignment  
 Document Date: July 19, 2001 Number of Pages: one  
 Signer(s) Other Than Named Above: 3 other people

### Capacity(ies) Claimed by Signer(s)

Signer's Name: Bruce Michael Larson

- ☒ Individual  
☐ Corporate Officer  
 Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

Self

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
 Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

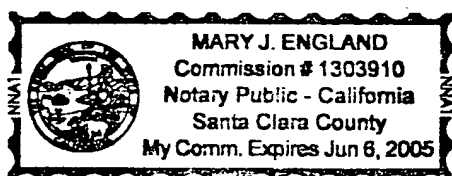
\_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California  
County of Santa Clara  
On July 19, 2001 before me, Mary J. England  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared Mark August Nichols  
Name(s) of Signer(s)

☐ personally known to me – OR – ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

M. J. England  
Signature of Notary Public

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Title or Type of Document: Assignment  
Document Date: July 19, 2001 Number of Pages: one  
Signer(s) Other Than Named Above: 3 other people

### Capacity(ies) Claimed by Signer(s)

Signer's Name: Mark August Nichols

- ☒ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

self

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

\_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California  
County of Santa Clara  
On July 13, 2001 before me, Mary J. England  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared Ha Chi Nguy  
Name(s) of Signer(s)

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Mary J. England  
Signature of Notary Public

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### Description of Attached Document

Title or Type of Document: Assignment

Document Date: July 13, 2001 Number of Pages: one

Signer(s) Other Than Named Above: several (4 people in total - 3 other than Mr. Nguy.)

### Capacity(ies) Claimed by Signer(s)

Signer's Name: Ha Chi Nguy

- ☒ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

Self

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

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OF SIGNER  
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# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

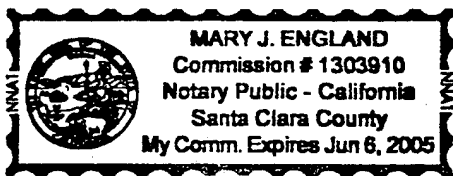
State of California

County of Santa Clara

On July 19, 2001 before me, Mary J. England  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Timothy Royce Glassburn  
Name(s) of Signer(s)

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Mary J. England  
Signature of Notary Public

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Title or Type of Document: Assignment

Document Date: July 19, 2001 Number of Pages: one

Signer(s) Other Than Named Above: 3 other people

### Capacity(ies) Claimed by Signer(s)

Signer's Name: Timothy Royce Glassburn

- ☒ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

Self

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing:

\_\_\_\_\_

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OF SIGNER  
Top of thumb here